

MAP
11-52-0
Monoammonium Phosphate

CHEMICAL ANALYSIS

Component/Equivalent	Units	Minimum	Typical
Total Nitrogen	wt. % N	11.0	-
Ammonium Form	wt. % N	11.0	-
Available Phosphate	wt. % P ₂ O ₅	52.0	-
Water Soluble	wt. % P ₂ O ₅	-	44.0
Citrate Soluble	wt. % P ₂ O ₅	-	8.0
Sulfate Sulfur	wt. % S	-	1.5
Moisture (1.4 Max.)	wt. % H ₂ O	-	1.2
pH of Aqueous Solution	10% wt./wt.	-	4.8

PHYSICAL ANALYSIS

Parameter	Units	Range	Typical
Color	-	-	Tan to Dark Brown
Angle of repose	degrees	-	30
Bulk density	lb/ft ³ - kg/m ³	-	55-880
Size Guide Number (SGN)	-	240-290	275

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Typical wt. %
Retained on . . .	6	6	3.35	9.0
	7	7	2.80	50.0
	8	8	2.36	80.0
	9	10	2.00	94.0
	10	12	1.70	97.0
Passing through . . .	10	12	1.70	3.0

Please obtain a Safety Data Sheet for more information.

The information contained in this data sheet is a representation of average product values as tested on composite samples and should not be considered a guaranteed specification unless stated. Nutrien makes no representation, warranty or guarantee as to the accuracy, reliability, completeness or timeliness of the information. It is the user's responsibility to determine the completeness of such information and the suitability of the Product for the user's own particular use or purpose.

Product is manufactured by the following subsidiaries of Nutrien Ltd.:

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